

Jayasree Kurmannagari

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EDUCATION

SRI VENKATESWARA UNIVERSITY(SVU)

BTECH IN COMPUTER SCIENCE
Grad: May 2020 | CGPA: 8.1

SRI CHAITANYA JR. COLLEGE PCM

Grad: May 2016 | 97.4%

COURSEWORK

UNDERGRADUATE

Object Oriented Programming
Analysis and Design of Algorithms
Data Structures
DBMS
Operating Systems
Computer Networking

SKILLS

PROGRAMMING:

Python • C++ • Javascript • Php
• Shellscript • Java • HTML • CSS

TOOLS & TECHNOLOGIES

Docker • Git • Wireshark • QXDM
• ElasticSearch - Kibana • Linux
• Grafana • Windows

FRAMEWORKS & LIBRARIES:

React JS • jQuery • Bootstrap

DATABASES:

InfluxDB • PostgreSQL

LINKS

Portfolio: [Jayasree](#)
Github: [Jayasree77](#)
LinkedIn: [Jayasree0708](#)
CodePen: [Jayasree0708](#)
Blog: [Jayasree](#)

WORK EXPERIENCE

COMMSCOPE | ENGINEER - I R&D

Aug 2020 - Present | Bangalore, IN

- Full-stack developer - Wrote and reviewed code for various applications using JavaScript, Python, PHP
- Created and designed schema for PostgreSQL and Influx databases and developed API's to perform operations on the databases
- Developed test scripts in Robot Framework to facilitate End to End testing

PROJECTS

THROUGHPUT STATISTICS

Python, PHP, JavaScript, PostgreSQL, HTML, CSS, Shell script

- Designed and Developed a Full-Stack application that collects the throughput statistics of eNodeB and gNodeB when an User Equipment mode is online
- Developed the Front End part which enables user to create & edit Data-Profiles and run an end to end scenario with multiple device configurations
- Developed a Back end Framework which collects all the logs and parses CLI output and stores in the database tables.
- Created graphical visualizations which enables user to simplify the raw data and get the throughput metrics

TEMPERATURE - DAS

C++, JavaScript, JQuery, MySQL

- Implemented a feature for the Distributed Antenna System (DAS) that measures the temperature of various devices and stores the data.
- Developed a Front End component that displays the sensor temperature and threshold details and allows user to implement warning thresholds for the temperature
- Implemented Back end functionality to update the user values into the database and retrieve the data

GNB ROBUSTNESS

Python, Kubernetes, PostgreSQL, InfluxDB, Grafana, Robot Framework, QXDM

- Designed and developed a Python framework to fetch the information of a Gnodeb device deployed on Kubernetes platform and to test the robustness of the device
- Implemented functionalities to perform various operations on pods and controllers which includes Reboot, Reset, Crashing a pod/container and collecting logs.
- Created test scripts for E2E testing to perform attach/detach on user equipment and collect QXDM logs.

PORTFOLIO

React, JavaScript, HTML, CSS

- Designed and developed a portfolio website and hosted on Github pages
- It is a static website with responsive design implemented in React.